

**AMENDMENTS TO THE CLAIMS**

- 1-4. (Canceled).
5. (Original) A monoclonal antibody or a fragment thereof to the gp120 glycoprotein of HIV, which is produced by a hybridoma cell having an accession number of FERM BP-08644.
6. (Currently Amended) A humanized antibody or a fragment thereof or a human antibody, or a fragment thereof, which binds to the gp 120 glycoprotein of HIV, and which comprises [[the]] a V region of [[the]] an antibody or fragment thereof according to claim 4 produced by a hybridoma having an accession number of FERM BP-08644.
7. (Canceled).
8. (Original) A cell producing a monoclonal antibody to the gp120 glycoprotein of HIV, which has an accession number of FERM BP-08644.
9. (Canceled).
10. (Withdrawn, Currently Amended) A method of producing an anti-HIV antibody or a fragment thereof, comprising culturing ~~a fusion cell composed of the cell according to claim 7 and a myeloma cell,~~ or the monoclonal antibody-producing cell according to claim 8, and collecting the antibody from the resultant culture.

11. (Currently Amended) A pharmaceutical composition comprising at least one selected from the group consisting of the antibody or fragment thereof according to claim [[1 or]] 5, and the humanized antibody or human antibody, or fragment thereof according to claim 6.

12. (Canceled).

13. (Currently Amended) A method of detecting HIV, comprising reacting the antibody or fragment thereof according to claim [[1 or]] 5, or the humanized antibody or human antibody, or fragment thereof according to claim 6 with the gp120 glycoprotein of HIV.

14. (Currently Amended) An HIV detection kit comprising at least one selected from the group consisting of the antibody or fragment thereof according to claim [[1 or]] 5, and the humanized antibody or human antibody, or fragment thereof according to claim 6.

15. (New) The monoclonal antibody or fragment thereof of claim 5, wherein the antibody produced by the hybridoma is the monoclonal antibody.

16. (New) The monoclonal antibody or fragment of claim 5, wherein the antibody or fragment produced by the hybridoma is the monoclonal antibody fragment.

17. (New) The human antibody or fragment thereof or the humanized antibody or fragment thereof of claim 6, where the antibody or fragment is the human antibody or the humanized antibody.

18. (New) The human antibody or fragment thereof or the humanized antibody or fragment thereof of claim 6, wherein the antibody or fragment thereof is the human antibody fragment or the humanized antibody fragment.